Date: Tue, 20 Apr 93 11:31:27 PDT

From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>

Errors-To: Info-Hams-Errors@UCSD.Edu

Reply-To: Info-Hams@UCSD.Edu

Precedence: Bulk

Subject: Info-Hams Digest V93 #484

To: Info-Hams

Info-Hams Digest Tue, 20 Apr 93 Volume 93 : Issue 484

Today's Topics:

2m/70cm-Handy 9913 Equivalent Water Trouble Drake 2A Communications Receiver Fact or Fiction??? (2 msgs) Icom 02AT for sale Looking for Yeasu cat program My thoughts...

OPDX Bulletin #108 - 19 April 1993 Opinion wanted SB104A

Realistic PRO-2024 scanner for sale:was \$200, sell for \$150 Request info and Schematics on Diawa LA-2035R Saturn radio installation tips wanted Special Event Station K2BSA/4

TH78 Cloning

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu> Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu> Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

\_\_\_\_\_\_

Date: Tue, 20 Apr 1993 13:36:22 GMT

From: mcsun!Germany.EU.net!news.netmbx.de!mailgzrz.TU-Berlin.DE!news.dfn.de!

solaris.rz.tu-clausthal.de!news!zahn@uunet.uu.net

Subject: 2m/70cm-Handy To: info-hams@ucsd.edu

## Hi all!

I want to buy a VHF/UHF-Handy in the next two weeks and I cannot decide which one ti take... For me there are two alternatives: ALINCO DJ-580 and YEASU FT-470 (which is about 150 DM cheaper than the Alinco). Could anyone outhere give me any comments about one of the two Handies? Thanks in advance .....

Guido

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Date: Mon, 19 Apr 1993 16:10:55 GMT

From: sdd.hp.com!cs.utexas.edu!asuvax!ncar!csn!cherokee!da\_vinci!

lookout.mtt.it.uswc.uswest.com!dfeldman@network.UCSD.EDU

Subject: 9913 Equivalent Water Trouble

To: info-hams@ucsd.edu

In article <1390@arrl.org> zlau@arrl.org (Zack Lau) writes: >Anyone have a simple way to determine whether a non-metal >will promote corrosion--without needing a degree in chemistry? What about epsilon-sub-r of these things?

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Date: 20 Apr 1993 16:15:49 GMT

From: usc!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!

usenet.coe.montana.edu!news.u.washington.edu!stein.u.washington.edu!

twinslow@network.UCSD.EDU

Subject: Drake 2A Communications Receiver

To: info-hams@ucsd.edu

I have inherited a Drake 2A communications receiver and am at loss as to how to use it. It turns on fine (I was able to deduce the power switch) but there are many switches and knobs that I do not know what to do with and after playing with it, leave no clue.

It also seems to have a 4 pronged tube receptical in the middle, back of the radio empty. What kind of tube is supposed to go in there? Other than that (and a little dust) the radio seems to be in great shape.

73

Tollef

Tollef Winslow, KB7DNS | Small is the number of them that see with their twinslow@u.washington.edu | own eyes and feel with their own hearts.

(206) 650-4054 | - Albert

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Date: Tue, 20 Apr 1993 11:43:51 GMT

From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!haven.umd.edu!wam.umd.edu!

ham@network.UCSD.EDU

Subject: Fact or Fiction???

To: info-hams@ucsd.edu

- >: The FCC also enforces in earnest. They recently collected \$60,000 in fines
- >: from an unlicenced operator for broadcasting on the amateur radio
- >: bands. The FCC is using a new device that records the exact location
- >: of the transmitter and its "finger print". Apparantly each
- >: transmitter has a unique electronic signature that is comparable
- >: to a finger print. This signature has been accepted by the court
- >: as positive idenfication.

>:

> Seems pretty far fetched to me. But I think I'll let this urban >legend live on if it'll keep the bootlegers off the ham bands. In fact >maybe I'll [post it on the bulletin board at the airport, since we have >ultralights flying around sometimes.

\$60,000 seems VERY steep to me, although the FCC has been cracking down on the 14.313 mess in the last few months, and HAS, in fact, been able to nail people for interference and/or illegal operation by taking a finger-print of the transmitted signal, along with direction finding techniques.

So it is true, to some degree. The FCC can find you with some DF'ing, and a tape recorder. You don't even have to be caught in the act to get caught!

Scott NF3I

73,

Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live

WAC CW/SSB WAS 80% of the way to DXCC \_\_\_\_\_| Dipoles!

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Date: 20 Apr 93 11:41:10 GMT

From: usc!howland.reston.ans.net!newsserver.jvnc.net!netnews.upenn.edu!prijat!

triangle.cs.uofs.edu!bill@network.UCSD.EDU

Subject: Fact or Fiction???

To: info-hams@ucsd.edu

There was an article in one of the ham magazines over a year ago about it. The equipment is not very sophisticated, meaning it's not something only

the FCC can do. All radios no matter how clean have harmonics and spurs. These are likely to be as unique as fingerprints when accurately messured. Old fashioned Specgtrum Analyzers probably couldn't do the job, but with todays equipment (DSP, PC Osciloscopes) it would seem to be a rather trivial task to acquire the accuracy needed.

bill KB3YV

- -

Bill Gunshannon | "There are no evil thoughts, Mr. Reardon" Francisco bill@cs.uofs.edu | said softly, "except one; the refusal to think."
University of Scranton | #include <std.disclaimer.h>

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Date: Tue, 20 Apr 1993 17:31:29 GMT

From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!uchinews!news@network.UCSD.EDU

Subject: Icom 02AT for sale

To: info-hams@ucsd.edu

I am looking to sell my ICOM IC-02AT and extras. I have the

following: CM-12 Battery

HS-10 Headset HS-10SA VOX unit

C: ----

Cigarette Adapter

Leather Case

BC-25V Wall Charger

IC-BP3 Battery
its been a while)

Also have one that needs a new cell (i think,

It is in good condition, has a scratch on the front that is not visible when in the leather case.

If you are interested, make me an offer.

--rich

-- NewsGrazer, a NeXTstep(tm) news reader, posting -- M>UQR=&8P7&%N<VE[7&90;G1T8FQ<9C!<9G-W:7-S(\$AE;'9E=&EC83M]"EQM M87)G;#\$R,`I<;6%R9W(Q,C`\*7'!A<F1<='@U,S-<='@Q,#8W7'1X,38P,5QT M>#(Q,S5<='@R-C8X7'1X,S(P,EQT>#,W,S9<='@T,C<P7'1X-#@P,UQT>#4S M,S=<9C!<8C!<:3!<=6QN;VYE7&9S,C1<9F,P7&-F,"!<"DD@86T@;&]0:VEN M9R!T;R!S96QL(&UY(\$E#3TT@24,M,#)!5"!A;F0@97AT<F%S+B`@22!H879E M('1H92!F;VQL;W=I;F<Z7`I#32TQ,B!"871T97)Y7`I(4RTQ,"!(96%D<V5T M7`I(4RTQ,%-!(%9/6"!U;FET7`I#:6=A<F5T=&4@061A<'1E<EP\*3&5A=&AE

 $\begin{tabular}{ll} $M < B \, ! \, \#87 - E7 \, `I" \, \ThetaRTR - 58@5 \, V\%L \, ; " \, ! \, \# \, : \&\%R9 \, V5R7 \, `I) \, \ThetaRU" \, 4\# \, , @0F\%T = \&5R > 0D) \\ $M06 \, QS \, ; \, R \, ! \, H879 \, E \, (\&] \, N92 \, ! \, T \, : \&\%T \, (\&YE961S \, (\&\$@ \, ; F5W \, (\&-E \, ; \&P@ * \&D@ = \&AI \, ; FLL \\ $M \, (\&ET < R \, ! \, B965N \, (\&\$@ = VAI \, ; \&4I7 \, `I < "DET \, (\&ES \, (\&EN \, (\&=0 \, ; V0@8V \, ] \, N9\&ET \, : 6] \, N \\ $M + " \, ! \, H87 \, , \, @82 \, ! \, S8W) \, A = \& -H \, (\&] \, N \, ( \, '1H92 \, ! \, F < F] \, N = " \, !T \, : \&\%T \, (\&ES \, (\&YO = " \, !V \, : 7 - I \\ $M8FQE \, ( \, ' = H96X@ \, : 6X@ = \&AE \, (\&QE871H97 \, (@8V\%S92Y < "EP * 268@ > 6] \, U \, (\&\%R92 \, !I \\ $K \, ; \, G1E < F5S = \&5D + " \, ! \, M86ME \, (\&UE \, (\&\%N \, (\&) \, F9F5R + EP * 7 \, `HM + 7) \, I8VA < "@I] \, "B \, !I \\ \end{tabular}$ 

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Date: 20 Apr 93 16:25:53 GMT From: news-mail-gateway@ucsd.edu

Subject: Looking for Yeasu cat program

To: info-hams@ucsd.edu

Received: from rigel.mc.xerox.com (rigel.eso.mc.Xerox.COM) by zombi

(4.1/SMI-4.1) id AA06954; Tue, 20 Apr 93 12:25:46 EDT

I asked this question before, but got no response, so I'll ask once more before I write my own.

I'm looking for a piece of software to talk to the Yeasu CAT interface on my FT736R. I know it exists as I saw it in action on a satelite gateway system video tape. The program sends/receives cryptic ascii commands to the RS232 add-on box on my radio, and instructs the radio to change modes, change channels, etc. Anybody have such a program they would like to share?

=Mark=
phillips.henr801c@xerox.com

(Asako Mariather, I will forward what I find)

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Date: Tue, 20 Apr 93 14:57:34 +1000

From: munnari.oz.au!ariel.ucs.unimelb.EDU.AU!werple.apana.org.au!stock!

justin@uunet.uu.net
Subject: My thoughts...
To: info-hams@ucsd.edu

bly@btree.uucp (Roger Bly) writes:

- > In article <1qh5rfINNb4f@mojo.eng.umd.edu> chuck@eng.umd.edu (Chuck Harris -
- > >In article <1993Apr13.184121.16519@btree.uucp> bly@btree.uucp (Roger Bly) wr
- >>>I think that we should reallocate a big chunk of 10m to CB. And give them
- >>>some VHF/UHF also. After all, the "waves" belong to the citizens.

More spectrum I agree with, but not the 10M band, propagation is to good.

> Well, according the "Purpose of Amateur Radio" as codified in part 97, the ha > bands are not "citizen's bands". The amateur allocation's scope and purpose

That is what it says on paper, but take your scanner and listen to your local 2M repeater, and you will see 2M is just like cb, but on a higher level. (very little technical conversation, mostly chit chat.)

As for packet, that is an even bigger fraud of spectrum, their is no "Experimentation" going on, just users taking advantage of the available spectrum to setup their own personal or club packet bbs systems. The computers are BOUGHT, the transmitters are BOUGHT, the antenna is BOUGHT and the software is BOUGHT (or copyed) WHERE IS THE EXPERIMENTATION!

- > Citizen's bands should be large radio parklands of spectrum set aside for
- > general citizens to use without any content restrictions. This spectrum
- > should serve for personal communications, personal business, and low-level
- > broadcasting. Most importantly, this "parkland" should be available to

I'm not sure about 'Low level broadcasting', perhaps a section of your proposed band could be set aside for that, as for personal & buisness, they would need seperate area's as well. (In Australia we have a 40 Ch. UHF CB service as well as HF 27 Mhz) and the private users are always telling the buisness users 'Where to go'. But I still agree with your initial principal.

> These proposed citizen's bands would not be anything like the 11m band we > have today. It can be easily argued that the problems with that band have

How can you say that? Congestion is only 1 of a number of problems 11M faces todays.

This conversation reminds me of an artical I saw a few years back, (can't remember where) stating that the spectrum costs nothing to provide, nothing to maintain (not policing, the other type), and it never wears out. So why do governments use it as such a money making tool? To buy 12.5Khz of spectrum in a built up city, can cost over A\$1M, who should I make the cheque out to "GOD"?

## Justin

- Who: Justin Fanning | Where: Victoria, AUSTRALIA - How: justin@stock.apana.org.au | Voice: +61 3 879-3474 -

Give your life to JESUS, or spend eternity in HELL

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Date: Tue, 20 Apr 1993 08:13:23 MDT

From: usc!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!alberta!adec23!ve6mgs!usenet@network.UCSD.EDU

Subject: OPDX Bulletin #108 - 19 April 1993

To: info-hams@ucsd.edu

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 108
BID: \$0PDX.108
April 19, 1993
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DF4RD, DL8AAM, KE2LJ, NT2X, K4CEF & Southeastern Cluster Group, KP4BJD, KQ8M and W5KNE & QRZ DX for the following DX information.

EDITOR'S SPECIAL NOTE: There will probably be no bulletin next week, because I will be at the Dayton Hamvention. I usually write the bulletin during the weekend so the information is current. But you never know! So PLEASE keep the information coming..... de Tedd KB8NW

3Y, PETER I ISLAND. This much needed island was ranked number one as the most wanted country in the "OPDX/NODXA 1992 DX Survey" which was taken between December/1992 thru March/1993. It was announced that an international team of ten operators are planning a 16 day operation. The slated starting date is February 1, 1994. The 10 operators will operate with 4 complete stations and be active on all bands, CW, SSB and RTTY. The contracts for ship transportation have been signed, deposits have been paid, operating license and landing permit are in hand. Ralph, KOIR, and some of the operators from the VP8SSI DXpedition, that took place last year will be the lucky operators to go. Funds are needed for this very expensive DXpeditions. Contributions for this endeavor can be sent to AA6BB. If this operation does not take place, all funds will be returned. QSL routes for SSB will be AA6B, CW/RTTY will go to KA6V.

9ER1TA OPERATION FROM ERITREA. This information is from the League regarding the status of the 9ER1TA operation. Bill, K5FUV, from the ARRL DXCC Desk, has stated that the 9ER1TA license was issued by the Eritrean provisional government. If it turns out that Eritrea is re-instated as a DXCC country and the license is retroactive, QSOs will

count as QSOs with Eritrea. If Eritrea is NOT re-instated, the QSOs will not count for Ethiopia because the license was not issued by the correct authority (the Ethiopian government).

- C2, NAURU. Atsu, C21/VK2BEX, has been reported operating RTTY and CW on 20 meters sometime between 0530 and 1430z. His other activities included SSB operations on 80 and 40 meters between 0930 to 1030z. QSL via his Call Book Address (CBA).
- P2, PAPUA NEW GUINEA. Bernard, DL2GAC, who is now active as P29VMS, has plans to operate from Witu Island around April 22 thru 27. This island has not been assigned an IOTA number as of yet. Bernard may also visit some other islands such as Puka and Rabaul. QSL via DL2GAC.

P5RS7 STATUS. Ed. NT2X, reports that Romeo has been asked by the DXCC Desk to furnish additional documentation for the P5RS7 operation. This additional paperwork can only be obtained from North Korea. However, due to the U.S. and South Korean maneuvers (called "Team Spirit"), North Korea has expelled all foreign diplomats and has placed its military in a state of alert. The additional paperwork will have to wait until things settle down.

PREFIX CHANGES. As of March 1, 1993, Kazakhstan has begun assigning the call signs "UN" series in several oblasts (ex. UL7 to UN7, RL7 to UN9, UL8 to UN8). It was reported that all the "UL" series will be replaced throughout the year and that the "UL" prefix will be going to Uzbekistan. Kazakhstan has been assigned the following prefixes: UN, UQ and UP.

QRZ DX reports that Bosnia-Herzegovina will begin using call signs with a "T9" prefix, starting April 20.

STO, SOUTHERN SUDAN. John, PA3CXC, is now active as PA3CXC/STO. Most of his activity has been on CW, operating on 17, 20, 30 and 40 meters between 2100 and 0330z. His length of stay is unknown and John also reported that there is an indication, with the deteriorating situation in the Southern Sudan, separate independent republics may be established within their controlled area.

T5, SOMALI. Peter, DL8YR, will be active from here for 4 weeks starting April 21st. His call sign will be T5YR, and most of his activity will be on CW.

VK6, NOOK ISLAND (IOTA not assigned yet). VK6UE, VK6BFI and VK6VZ will try to activate this island (in the Houtman Abrolhos Island group) for a 4 to 5 day operation between April 4 and May 2. Activity on CW will be 5 kHz up from band edge and on SSB: 3795, 7075, 14195, 21295 and 28495 kHz. QSL vis VK6ANC direct only to: Box 244, North Beach, WA 6061, Australia.

VP8, FALKLAND ISLANDS. Mike, VP8COD, has been active on 14256 and 14174 kHz between 2300 and 0000z. He has also been heard on 21260 and 21255 kHz between 2100 and 2230z.

ZS9, WALVIS BAY. There has been some activity from here on the past three Tuesdays by ZS9A. Check 21335 khz around 1345z. QSL via ZS1IS.

DXCC NEWS. Exciting news hit the air waves April 13 when the ARRL Awards Committee announced that Macedonia (former Yugoslav republic), the Czech Republic and the Slovak Republic were added to DXCC Countries List and that Czechoslovakia was deleted from the list. Details can be found in ARRL DX Bulletin 18 (ARLD018), but in summary: Contacts for Macedonia (4N5, YU5) that were made 8 September 1991 and after are good for DXCC credit. The effective date for the Czech Republic (OK, OL) and the Slovak Republic (OM) is 1 January 1993, anything before that date will count for the deleted country of Czechoslovakia. The DXCC Desk will accept QSL cards for these three new countries starting 1 June 1993. QSL cards received at the DXCC Desk before 1 June 1993 will be returned without action.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and operates Group 3 FAX Service Class 2 (EIA/TIA 592) only. Use only the dates and times specified. FAX Service Class 1 (EIA/TIA 578) is available upon request by leaving a message to the Sysop on BARF-80 BBS. The FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474%cleveland.freenet@cunyvm or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

- -

James J. Reisert Internet: reisert@mast.enet.dec.com

Digital Equipment Corp. UUCP: ...decwrl!mast.enet.dec.com!reisert

146 Main Street - ML03-6/C9 Voice: 508-493-5747

Maynard, MA 01754 FAX: 508-493-0395

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Date: Tue, 20 Apr 1993 12:59:26 GMT

From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!

cbnewsc!cmd@network.UCSD.EDU
Subject: Opinion wanted SB104A

To: info-hams@ucsd.edu

I may have an opportunity to purchase a Heath SB-104A with external VFO (SB-644)Power supply (HP-1144) and speaker (SB-604). I'm looking for opinions about

this rig, especially from any who own and/or have used this rig. Any idea what it may be worth?

tnx de Craig KB9HCQ (708) 979-0059

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Date: 20 Apr 1993 16:10:45 GMT

From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!cleveland.Freenet.Edu!

aj008@network.UCSD.EDU

Subject: Realistic PRO-2024 scanner for sale:was \$200, sell for \$150

To: info-hams@ucsd.edu

Article 10886 of alt.radio.scanner:

Path: usenet.ins.cwru.edu!cleveland.Freenet.Edu!aj008 From: aj008@cleveland.Freenet.Edu (Aaron M. Barnes)

>Newsgroups: alt.radio.scanner

Subject: Realistic PRO-2024 for sale-was \$200, sell for \$150 obo

Date: 20 Apr 1993 16:01:28 GMT

Organization: Case Western Reserve University, Cleveland, Ohio (USA)

Lines: 26

Message-ID: <1r16oo\$3du@usenet.INS.CWRU.Edu>

NNTP-Posting-Host: slc10.ins.cwru.edu

Hello.

I have a Realistic PRO-2024 scanner for sale.Here is a small description:

60 programible chanels fully detailed backlighted digital display headphone jack antenna jack removable telescoping antenna auto search

coverage:

30-50mHz

118-174mHz

380-512mHz

It originally cost \$200, but I will sell for \$150.

Thank You.

- -

/ / Buchanan in `96! / / Fear the government that fears your guns. \ \/ / Without the 2nd amendment, we cannot guarantee ou \/ / r freedoms. aj008@cleveland.freenet.edu / / Buchanan in `96! Buchanan in `96! Fear the goverment that fears your guns. / / \ \ / / Without the 2nd amendment, we cannot guarantee ou r freedoms. aj008@cleveland.freenet.edu

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Date: Tue, 20 Apr 1993 15:17:22 GMT

From: nigel.msen.com!yale.edu!newsserver.jvnc.net!howland.reston.ans.net! zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!usenet.coe.montana.edu!

news.u.washington.edu!saturn.wwc.@sdd.hp.com

Subject: Request info and Schematics on Diawa LA-2035R

To: info-hams@ucsd.edu

I was recently given a Diawa LA-2035R, The problem is something is not working. :) I was hoping that I could get some info and/or schematics for it.

If nothing perhaps and address or phone number for Diawa?

Dwight Morgan morgdw@wwc.edu

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Date: 20 APR 93 10:16:22

From: pa.dec.com!e2big.mko.dec.com!nntpd.lkg.dec.com!ryn.mro4.dec.com!

cimfie.enet.dec.com!taber@decwrl.dec.com

Subject: Saturn radio installation tips wanted

To: info-hams@ucsd.edu

In article <1qms2d\$74s@vela.acs.oakland.edu>, mje@pookie.pass.wayne.edu (Michael
J. Edelman) writes...

>I've just ordered a Saturn SL1, and I'll be installing VHF and HF radios in >it. Running a power bus to the fuseblock looks wonderfully straightforward, >but I wonder if anyone has any tips on mounting the radios themselves in >a Saturn? Replies direct, please, to:

Because I saw an RF warning in the owners manual, I called the Saturn factory and spoke to an engineer before I bought bought my SL-2. This is what he said: to avoid interference with the on-board systems, install the radio RF deck away from the driver's side -- either on the

passengers side or (ideal case) in the rear seat area. The roof, trunk lid and hood are sheet metal and can be used for mounting antennas. DO NOT DRAW POWER FROM THE FUSE BLOCK! Go direct to the battery.

In my case, I was installing a remote-head dual bander (Kenwood 732A), so it was easy to meet the ideal case of RF deck in the rear. Some tips from my installation: There are plastic moldings that stretch from the font to the back at the lower part of the doors. These are great for running cable. Use a plastic spatula to lift the molding then push the wire up in. Be careful not to foul the seat belts.

The wiring harness enters the car from the driver's side upper firewall. There's a what looks like a tape wrap around the harness just before a big grommet. The tape is acutally over a "snoot" on the grommet. If you CAREFULLY cut the tape (and not the snoot) you can slip your wire through and not have to drill any holes. The battery is right in front of you at that point, and it takes no more wire to reach it than the fuse block, so it's no big deal to do.

I haven't found a great way to connect to side-post batteries yet. Someone must sell an adapter that screws into the battery and provides a binding post, but I haven't found one. What I do is flatten the wire with needle-nose pliers and then slip it into the connection. I don't like this solution because it's not mechanically sound and it reduces the area of the battery cable contact. But it's what I've done and what I did on my old GMC truck. I'm sure someone in net-land will know where the right gizmo can be obtained.

So far, not a single problem. Good luck.

>>>==>PStJTT

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Date: 20 Apr 93 12:55:17 GMT From: news-mail-gateway@ucsd.edu

Subject: Special Event Station K2BSA/4

To: info-hams@ucsd.edu

We'll be operating K2BSA/4 at the Old North State Council Camporee this Saturday, May 1, on 20 and 40 m phone. We'll be running about 600 watts into an inverted vee up about 50 feet. Listen for us. You can QSL via N4GGD.

steve - W3GRG mosier@iris.uncg.edu dit dit

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Date: Tue, 20 Apr 1993 11:39:45 GMT

From: pa.dec.com!uvo.dec.com!forsan.enet.dec.com!frenchs@decwrl.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com!forsan.enet.dec.com.enet.d

Subject: TH78 Cloning To: info-hams@ucsd.edu

Just the same for cloning TH-78 (E)uropean

Simon - G6ZTZ

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Date: Tue, 20 Apr 1993 17:09:05 GMT

From: swrinde!gatech!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!

linac!att!att-out!cbnewsj!w1gd@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Apr19.002106.23207@anasazi.com>, <C5qypI.7su@ucdavis.edu>,

<11970@prijat.cs.uofs.edu>

Subject : Re: Fact or Fiction???

Page 140 of the May 1993 issue of QST has an ad from MoTron Electronics that starts "Transmitter Finger Printing is here!" It's for a PC board and it's associated software. No price is given.

Gerry, W1GD

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End of Info-Hams Digest V93 #484 \*\*\*\*\*\*\*\*\*\*\*\*